

NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS
Division of Housing and Community Resources

**ASHRAE 62.2 – 2013 Residential Ventilation Standard
Auditor/Inspector Checklist**

		Dwelling unit is a single family or multifamily residential building of three stories or less above grade, including manufactured or modular housing.
	Whole Building	For a continuously operating system, calculate the whole building ventilation rate. $Q_{fan} = 0.03A_{floor} + 7.5 \times (N_{br} + 1)$ Or use table 4.1a
		Optionally adjust rate with infiltration credit.
		Use the Appendix A worksheet for existing buildings.
	System Documentation	Refer to system building design documents. Design documentation must be available. (Exhaust-only, supply-only, balanced, HRV, ERV, etc.) Fans must be rated by HVI or AMCA at 1 sone or less.
		Measure system airflow and confirm performance.
		Verify function and labeling of system controls.
	Local Exhaust	Bathroom fans must have tested installed airflow of 20 cfm continuous or 50 cfm intermittent (or have been included in Appendix A worksheet calculation).
		Kitchen fan has a tested airflow of 100 cfm if operated intermittently (or has been included in Appendix A worksheet calculation). Should be a range hood if 100 cfm is less than 5 kitchen ach.
		Alternatively continuous measured kitchen exhaust flow of 5 ach.
		Local exhaust fans must be rated by HVI or AMCA at 3 sones or less.
		Local, intermittent exhaust systems must have clearly marked controls with readily accessible occupant override.
	Other Requirements	Supply and balanced ventilation systems shall be installed to provide ventilation air directly from outdoors.
		Doors between dwelling units in multifamily shall be gasketed and made substantially air tight.
		Clothes dryers shall be exhausted directly to outdoors
	Combustion & Solid fuel burning appliances	Category 1 (atmospherically vented) appliances must be provided with adequate combustion air. Total net exhaust flow of the two largest exhaust fans shall not exceed 15 cfm/100 ft ² of occupiable space when fans are in operation at full capacity.
	Garages	Doors between garages and occupiable spaces shall be gasketed or made substantially air tight. Air seal the walls, ceilings, and floors that separate garages from occupiable spaces.
	HVAC Ducting	Ducting from HVAC systems located outside the pressure boundary shall have total air leakage of no more than 6% of total fan flow.

Table 4.1a **Number of Bedrooms**

Floor area ft ²	1	2	3	4	5
< 500	30	38	45	53	60
501 – 1000	45	53	60	68	75
1001 – 1500	60	68	75	83	90
1501 – 2000	75	83	90	98	105
2001 – 2500	90	98	105	113	120
2501 - 3000	105	113	120	128	135
3001 - 3500	120	128	135	143	150
3501 - 4000	135	143	150	158	165
4001 - 4500	150	158	165	173	180
4501 - 5000	165	173	180	188	195